

AMERICAN SWISS FILES



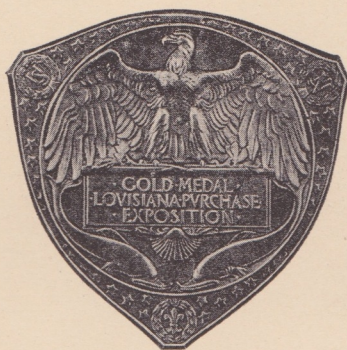
ONLY
THE BEST
ARE
GOOD
ENOUGH



30-25

American Swiss Files

Sixth Edition



Gold Medal awarded to us at
St. Louis World's Fair, 1904

American Swiss File and Tool Co.

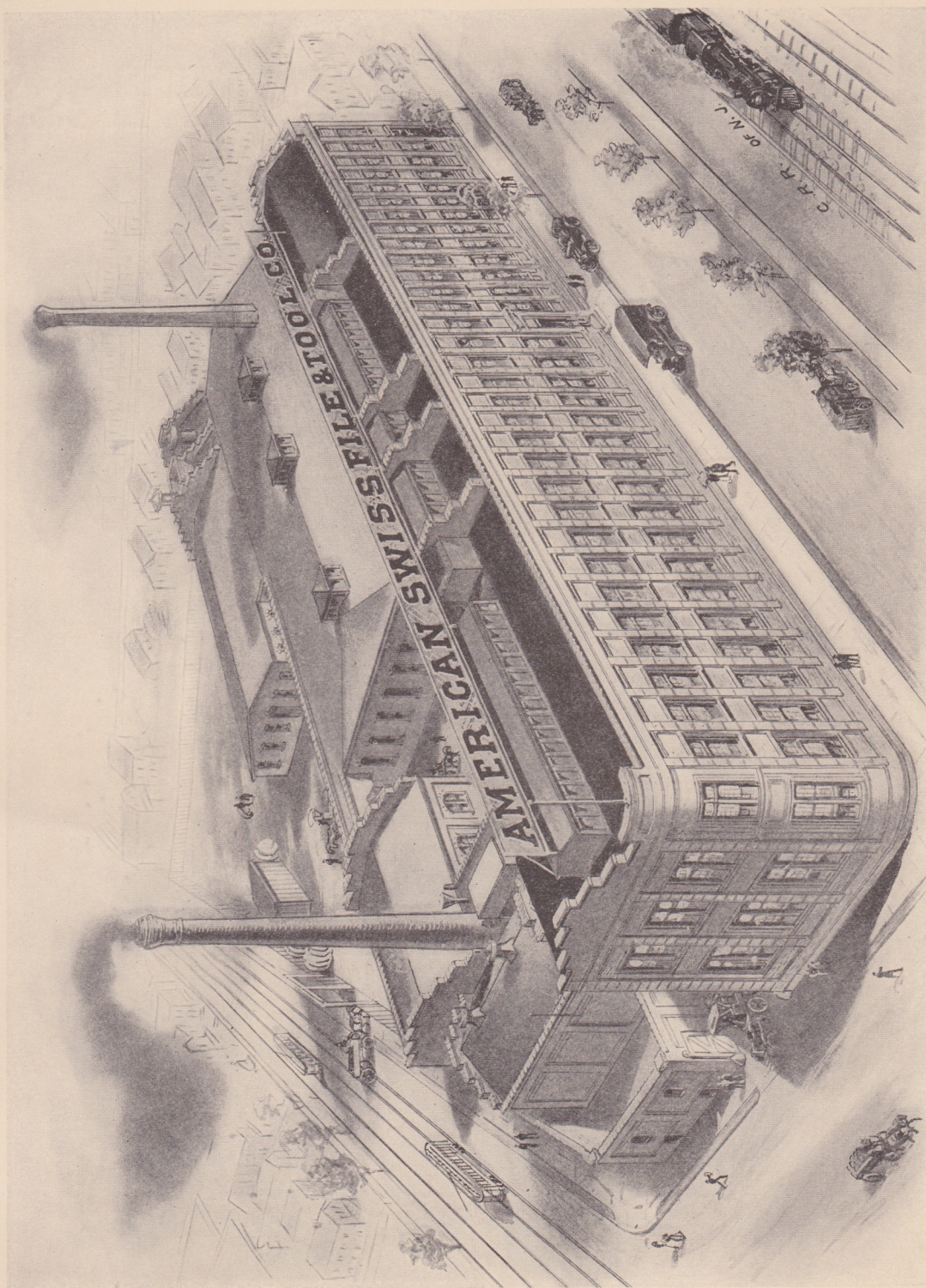
Manufacturers

E. P. Reichhelm & Co., Incorporated

Distributors

24 and 26 John Street

New York City



Works: Elizabethport, N. J.

Office: 24 John Street, New York



Tariff Revision Compels Price Revision

Our New Price List

"Hand Cut Files and Files of Precision" are dutiable under the new Tariff at 25 per cent. ad valorem, and since our average Wage Scale is 150 per cent. higher than that of our foreign competitors, we have been obliged to do some close figuring; this new *Price List*, based upon our own cost of production will be found to meet foreign competition so far as consistent in upholding "AMERICAN SWISS" quality and paying United States Wages.

This new List quotes prices—not mere figures to be reduced by a long string of discounts to the actual price of a dozen files—it is a *Net List* subject only to wholesale discount, covering the cost of distribution and the usual cash discount for prompt remittance.

Even under former higher specific duties, we could not have met foreign price competition, had we not devised manufacturing methods of our own, producing a quality of our own, at Shop Costs of our own; but for the convenience of patrons in comparing prices by reference merely to discounts, we would long since have required a Price List of our own.

To conform to the new Tariff the Swiss List must now be revised and this gives us the opportunity to issue a new list of prices based upon the Shop Cost of each one of the more than twenty-four hundred different files we make, thus insuring a living profit to ourselves on all sizes, shapes and cuts of files, while the Foreign List based upon entirely different costs, obliged us to sell certain files at less than a living profit, and others high enough to produce a fair average.

In presenting this New List, which abolishes excessive prices and enormous discounts, we look for the hearty approbation and support of our patrons, as it embodies a square deal all around.



Guarantee of Quality

Our Guarantee of Quality is upheld *because* we do not make Files *for a price*, but make the best files we can make by the best equipment and workmanship obtainable, and fix our selling price according to our own cost of production, *regardless* of prices made by the makers of other files. Files not up to standard in any respect are subject to return at our expense, *if the fault found is pointed out to us*, as a means of keeping our inspecting department wide awake.

Prompt Delivery

Prompt Delivery is made *because* we carry a large and complete stock of all shapes, sizes and cuts specified in this Catalogue, and our system is such that the files sold are promptly replaced by our factory. This applies to all cuts *except No. 8*, which, being rarely called for, is made when ordered.

Samples for Trial

Samples for Trial are sent to responsible users, free of charge, express paid, *because they are our best salesmen*. We will send any six files selected from this Catalogue, or match any samples of used files sent us, only asking that the user will kindly report the result of the trial.

Mill and Saw Files

Our Mill and Saw Files are not of "Swiss" in pattern, but bear our trade mark, and have been added to our line because of insistent demand for a superior quality of that kind of files.

Specials

Specials.—Files differing in *any respect* from those listed and carried in stock are "*Specials*," on which we will be pleased to estimate on receipt of correct specifications, samples or drawings.



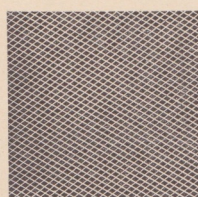
The Cuts of Our

"FILES OF PRECISION"

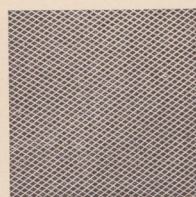
or

TOOLMAKERS FILES

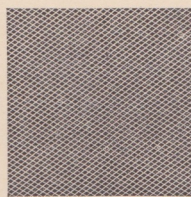
are numbered as follows:



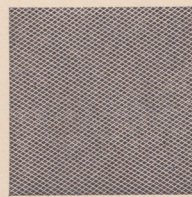
No. 00



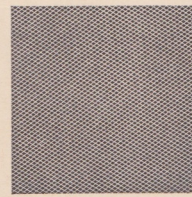
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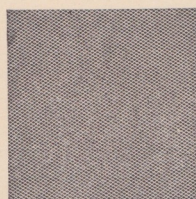
1



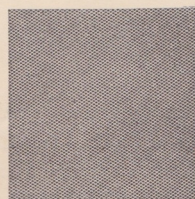
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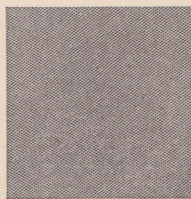
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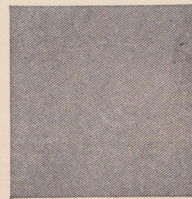
No. 4



5



6



7



8

They compare in cuts with the Common American Files as follows:

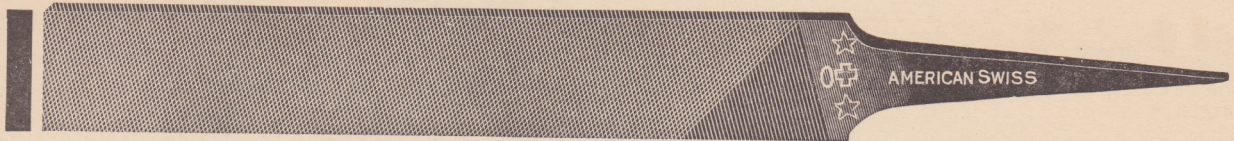
"American Swiss". .	No. 00	No. 1	No. 2	No. 3 or 4
"Common American"	Bastard	Second-Cut	Smooth	Super-Smooth

For cuts numbered from No. 4 to No. 8
there is no equivalent in Common Files

"ONLY THE BEST ARE GOOD ENOUGH"



HAND FILES



Length in inches	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2	\$1.65	\$1.80	\$1.85	\$2.40	\$2.50	\$2.75	\$3.70	\$4.05	\$5.55	\$7.10
“ No. 3 and 4	1.75	1.90	2.20	2.50	2.65	2.85	3.80	4.15	5.75	7.35
“ No. 5	1.80	1.95	2.30	2.60	2.80	3.00	3.90	4.40	6.00	7.90
“ No. 6	1.90	2.00	2.50	2.70	3.00	3.10	4.15	4.60	6.40	8.10
“ No. 8	2.10	2.25	2.70	3.00	3.20	3.65	4.65	5.40	7.20	9.00
Widths	13/32	15/32	19/32	19/32	21/32	¾	7/8	1	1 1/8	1 1/4"

REGULAR PILLAR FILES



Length in inches	2½	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2	\$1.40	\$1.50	\$1.55	\$1.60	\$1.75	\$1.95	\$2.10	\$2.65	\$3.50	\$5.00	\$7.00
“ No. 3 and 4	1.50	1.60	1.70	1.70	1.85	2.05	2.25	2.85	3.75	5.30	7.50
“ No. 5 and 6	1.70	1.75	1.80	1.80	2.00	2.25	2.35	3.00	3.90	5.60	8.25
“ No. 8	1.90	2.25	2.40	2.50	2.70	2.80	2.90	3.60	4.25	6.00	—
Widths	7/32	¼	10/32	3/8	13/32	7/16	1/2	9/16	5/8	¾	1"

NARROW PILLAR FILES



Length in inches	2½	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2	\$1.40	\$1.50	\$1.55	\$1.60	\$1.75	\$1.95	\$2.10	\$2.65	\$3.50	\$5.00	\$7.00
“ No. 3 and 4	1.50	1.60	1.70	1.70	1.85	2.05	2.25	2.85	3.75	5.30	7.50
“ No. 5 and 6	1.70	1.75	1.80	1.80	2.00	2.25	2.35	3.00	3.90	5.60	8.25
“ No. 8	1.90	2.25	2.40	2.50	2.70	2.80	2.90	3.60	4.25	6.00	—
Widths	5/32	3/16	3/16	7/32	15/64	¼	9/32	5/16	3/8	1/2	5/8"



EXTRA NARROW PILLAR FILES



Length in inches	2½	3	3½	4	4½	5	6	8	10	12
Cut No. 00 to 2	\$1.40	\$1.50	\$1.55	\$1.60	\$1.75	\$1.95	\$2.10	\$3.50	\$5.00	\$7.00
“ No. 3 and 4	1.50	1.60	1.70	1.70	1.85	2.05	2.25	3.75	5.30	7.50
“ No. 5 and 6	1.70	1.75	1.80	1.80	2.00	2.25	2.35	3.90	5.60	8.25
“ No. 8	1.90	2.25	2.40	2.50	2.70	2.80	2.90	4.25	6.00	—
Widths	1/8	5/32	5/32	11/64	11/64	3/16	7/32	5/16	3/8	1/2"

Pillar Files are Made in the Following Widths

Length in inches	2½	3	3½	4	4½	5	6	7	8	10	12
Width “ “	5/32	1/8	5/32	1/8	11/64	3/16	1/8	5/16	1/4	3/8	1/2
	7/32	5/32	3/16	11/64	15/64	1/4	3/16	9/16	5/16	1/2	5/8
		3/16	10/32	3/16	13/32	5/16	7/32		3/8	5/8	3/4
		1/4		7/32		7/16	9/32		1/2	3/4	7/8
				5/16			5/16		5/8		1
				3/8			11/32		3/4		
				1/2			3/8				
							1/2				

Other Widths than those Specified are Specials.

Cut No. 8 Not Carried in Stock—Made to Order Only. Prices Same as Regular Pillar.

Files are Measured by Length of Cut



HALF-ROUND FILES



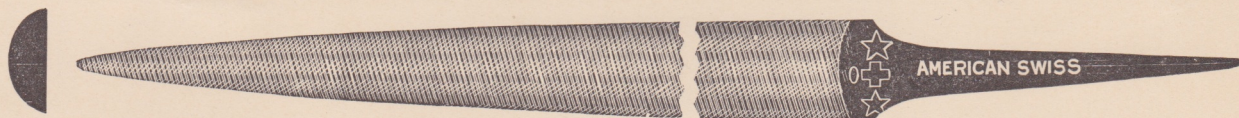
Length in inches . . .	2½	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2 . . .	\$1.60	\$1.85	\$1.95	\$2.15	\$2.40	\$2.55	\$2.90	\$4.00	\$4.60	\$6.30	\$7.60
“ No. 3 to 5 . . .	1.70	2.00	2.20	2.30	2.65	2.90	3.30	4.40	5.10	8.10	10.50
“ No. 6 and 8 . . .	1.85	2.20	2.35	2.60	3.00	3.15	3.60	4.90	5.60	9.60	12.00
Widths	¼	11/32	13/32	7/16	½	17/32	5/8	¾	13/16	1	13/16"

SLIM HALF-ROUND FILES



Length in inches	3	3½	4	4½	5	6	8
Cut No. 00 to 2	\$1.90	\$2.05	\$2.20	\$2.60	\$2.80	\$3.00	\$4.50
“ No. 3 to 5	2.20	2.30	2.40	2.75	2.90	3.30	5.10
“ No. 6 and 8	2.30	2.50	2.60	3.00	3.15	3.65	5.65
Widths	¼	5/16	13/32	13/32	7/16	½	¾"

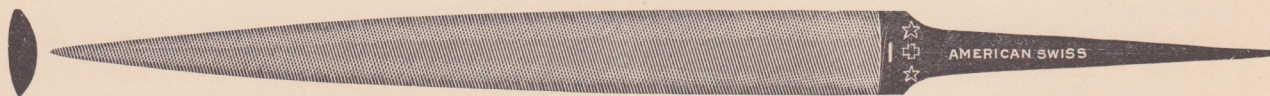
HALF-ROUND RING FILES



Made in one size only. LENGTH 7 in. by ½ in. wide

Cut No. 00 to 2 . \$3.20 No. 3 and 4 . . \$3.60 No. 6 \$4.00

CROSSING FILES



Length in inches . . .	2½	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2 . . .	\$1.45	\$1.80	\$2.10	\$2.25	\$2.70	\$3.00	\$3.30	\$4.30	\$5.00	\$6.80	\$9.30
“ No. 3 to 5 . . .	1.60	1.90	2.25	2.40	2.85	3.15	3.70	4.75	5.50	9.00	12.00
“ No. 6 and 8 . . .	1.70	2.00	2.45	2.60	3.05	3.40	4.25	5.25	6.00	11.00	14.00
Widths	7/32	5/16	3/8	7/16	½	17/32	5/8	¾	13/16	1	13/16"

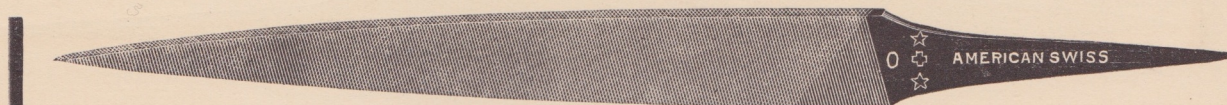


KNIFE FILES



Length in inches	2½	3	3½	4	4½	5	6	8
Cut No. 00 to 2	\$1.50	\$1.85	\$2.25	\$2.40	\$2.70	\$2.90	\$3.50	\$5.25
" No. 3 and 4	1.60	2.00	2.40	2.55	2.85	3.05	3.60	5.50
" No. 5 and 6	1.70	2.25	2.80	2.90	3.00	3.20	3.80	5.75
" No. 8	1.80	2.40	3.10	3.25	3.40	3.60	4.00	6.00
Widths	11/32	3/8	7/16	1/2	9/16	9/16	11/16	7/8"

WARDING FILES



Length in inches	2½	3	3½	4	4½	5	6	7	8	10
Cut No. 00 to 2	\$1.30	\$1.55	\$1.65	\$1.85	\$2.35	\$2.50	\$2.85	\$3.55	\$4.00	\$5.30
" No. 3 and 4	1.40	1.60	1.75	1.95	2.45	2.60	3.00	3.80	4.25	5.70
" No. 5 and 6	1.50	1.70	1.90	2.10	2.60	2.75	3.15	4.00	4.50	—
" No. 8	1.60	2.00	2.10	2.25	2.70	2.90	3.30	4.30	4.80	—

CARRIED IN STOCK

Thickness B. & S. Gauge	20	18	16	14	14	13	11	10	10	8
" " "	..	20	18	16	16	15	13	..	..	..
" " "	..	22	..	18	..	18	14	..	..	..
" " "	..	..	..	20	..	..	16	..	..	..
Widths	5/16	3/8	7/16	1/2	17/32	9/16	5/8	11/16	3/4	1"

EQUALLING FILES



Length in inches	2½	3	3½	4	4½	5	6	8
Cut No. 00 to 2	\$1.25	\$1.50	\$1.65	\$1.85	\$2.45	\$2.65	\$2.90	\$4.00
" No. 3 to 5	1.35	1.60	1.70	1.95	2.50	2.75	3.05	4.15
" No. 6 and 8	1.45	1.70	1.85	2.05	2.60	2.90	3.25	4.30

CARRIED IN STOCK

Thickness B. & S. Gauge	20	18	16	16	15	13	10	10
" " "	..	20	18	18	..	15	12	..
" " "	..	..	..	20	..	..	14	..
Widths	1/4	3/8	13/32	7/16	1/2	17/32	19/32	3/4"



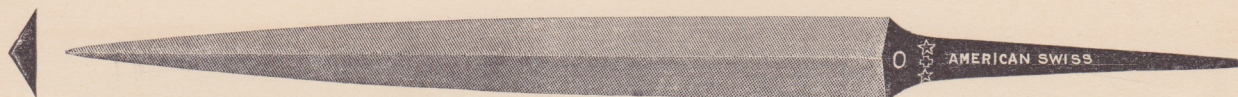
BARRETTE FILES



Cut on flat side only

Length in inches	2½	3	3½	4	4½	5	6	8
Cut No. 00 to 2	\$1.50	\$1.75	\$2.00	\$2.20	\$2.65	\$3.00	\$3.60	\$5.35
" No. 3 to 5	1.65	1.85	2.25	2.40	2.75	3.20	3.70	5.50
" No. 6 and 8	1.80	2.00	2.50	2.60	2.90	3.30	3.90	5.70
Widths	¼	⅜	7/16	½	17/32	9/16	5/8	13/16"

CANT FILES



Three sides cut

Length in inches	3	4	5	6	8
Cut No. 00 to 2	\$2.30	\$2.70	\$3.80	\$4.35	\$5.90
" No. 3 to 5	2.60	3.00	4.00	4.50	6.15
" No. 6 and 8	2.70	3.25	4.20	4.60	6.35
Widths	¼	13/32	17/32	19/32	25/32"

PIPPIN FILES



Length in inches	2½	3	3½	4	5	6	8
Cut No. 00 to 2	\$1.50	\$1.70	\$1.90	\$2.10	\$2.70	\$3.20	\$4.90
" No. 3 to 5	1.60	1.80	2.00	2.25	2.90	3.35	5.15
" No. 6 and 8	1.70	1.90	2.10	2.35	3.10	3.55	5.40
Widths	.....	7/32	¼	9/32	5/16	3/8	½"


CROCHET FILES



Length in inches	2½	3	3½	4	4½	5	6	8	10
Cut No. 00 to 2	\$1.60	\$1.85	\$2.00	\$2.20	\$2.60	\$2.70	\$3.20	\$4.90	\$6.80
" No. 3 to 5	1.70	1.95	2.25	2.35	2.75	2.90	3.40	5.20	7.10
" No. 6 and 8	1.90	2.10	2.50	2.70	3.00	3.10	3.60	5.45	7.40
Widths	3/16	¼	5/16	3/8	7/16	7/16	½	5/8	13/16"




ROUND FILES




Length in inches . . .	2½	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2 . . .	\$1.40	\$1.50	\$1.60	\$1.70	\$1.90	\$2.00	\$2.15	\$2.75	\$3.20	\$4.40	\$5.40
" No. 3 to 5 . . .	1.50	1.60	1.70	1.80	1.95	2.05	2.25	3.00	3.50	4.90	6.00
" No. 6 and 8 . . .	1.60	1.70	1.80	1.90	2.00	2.15	2.40	3.30	3.75	5.60	6.75
Diameter	1/16	5/64	7/64	5/32	11/64	3/16	7/32	9/32	11/32	7/16	1/2"

SQUARE FILES




Length in inches . . .	2½	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2 . . .	\$1.15	\$1.35	\$1.50	\$1.65	\$2.15	\$2.25	\$2.55	\$3.30	\$3.75	\$4.20	\$5.10
" No. 3 to 5 . . .	1.25	1.40	1.60	1.75	2.20	2.30	2.70	3.40	4.00	4.65	5.60
" No. 6 and 8 . . .	1.35	1.50	1.65	1.80	2.30	2.40	2.75	3.50	4.20	5.15	6.25
Thickness	5/64	3/32	7/64	1/8	5/32	3/16	7/32	1/4	9/32	11/32	7/16"

THREE-SQUARE FILES



Length in inches . . .	2½	3	3½	4	4½	5	6	7	8	10	12
Cut No. 00 to 2 . . .	\$1.60	\$1.80	\$1.90	\$1.95	\$2.40	\$2.55	\$2.90	\$3.85	\$4.55	\$5.35	\$6.50
" No. 3 to 5 . . .	1.65	1.95	2.00	2.05	2.50	2.65	3.00	4.10	4.85	5.60	7.50
" No. 6 and 8 . . .	1.70	2.00	2.05	2.15	2.60	2.70	3.10	4.25	5.00	5.80	—
Widths	1/8	5/32	7/32	1/4	9/32	11/32	3/8	7/16	1/2	5/8	3/4"

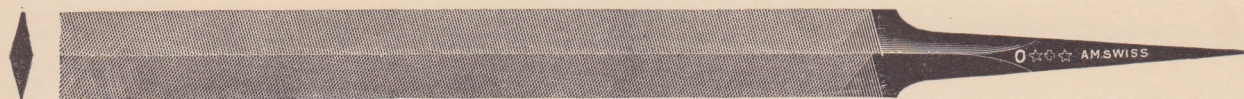
METAL SAW FILES



Length in inches	3	3½	4	5	6	8
Cut No. 00 to 2	\$1.70	\$1.80	\$1.95	\$2.55	\$2.90	\$4.50
" No. 3 to 5	1.80	1.90	2.00	2.60	3.00	4.80
" No. 6	1.90	2.00	2.10	2.75	3.10	5.00
Widths	1/8	3/16	7/32	5/16	3/8	1/2"

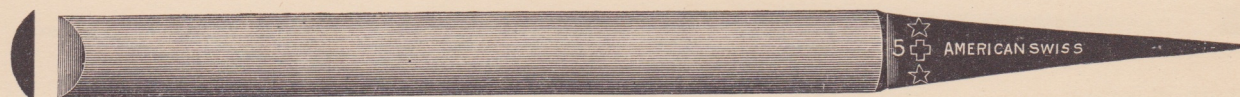


SLITTING FILES



Length in inches	3	4	5	6	8
Cut No. 00 to 2	\$2.25	\$2.50	\$3.35	\$4.00	\$5.50
" No. 3 to 5	2.60	2.80	3.50	4.20	5.60
" No. 6 and 8	2.75	3.20	4.20	4.50	6.00
Widths	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$1\frac{9}{32}$	$1\frac{3}{16}$ "

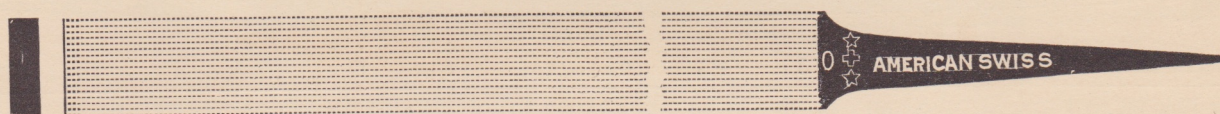
ROUNDING-OFF FILES



Cut on flat side only

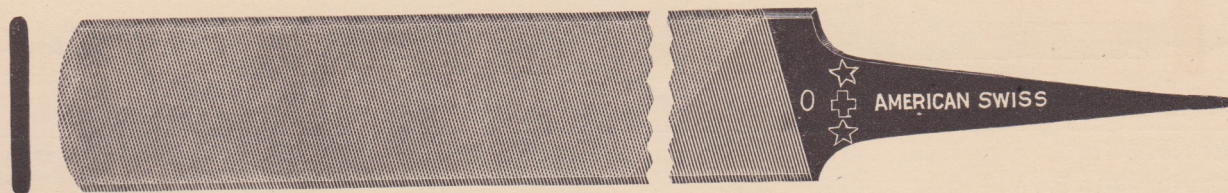
Length in inches	3	4	5	6
Cut No. 00 to 2	\$2.00	\$2.60	\$3.20	\$4.00
" No. 3 to 5	2.20	3.00	3.40	4.80
" No. 6 and 8	2.30	3.20	3.60	4.90
Widths	$\frac{1}{4}$	$1\frac{3}{32}$	$\frac{1}{2}$	$\frac{9}{16}$ "

CHECKERING FILES



Length in inches	6	8
Cut No. 00 to 2	\$6.35	\$8.10
Widths	$\frac{1}{2}$	$\frac{5}{8}$

FORK FILES



Made in one size only, 6 x $\frac{7}{8}$ inch wide, thickness 12 B & S
 Cut No. 0 and 2 \$3.50



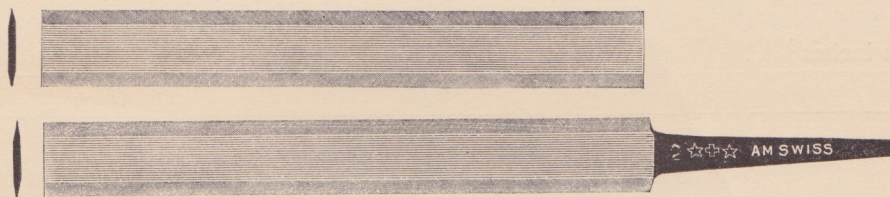
PARALLEL ROUND FILES



Made in cuts No. 00, 0, 2, 4

Diameter by inches	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$
" " thousands	.062	.093	.125	.156	.187	.218	.250	.312	.375
Length 3 inches	\$1.35	\$1.35	\$1.50	....	....	....	....	....	....
" 4 "	1.60	1.60	1.70	\$1.70	\$1.85	....	....	....	....
" 5 "	....	2.10	2.10	2.25	2.25	\$2.40	\$2.40	....	....
" 6 "	....	....	2.25	2.40	2.40	2.65	2.65	\$3.00	\$3.00
" 8 "	....	....	....	....	3.70	3.70	4.20	4.20	4.65

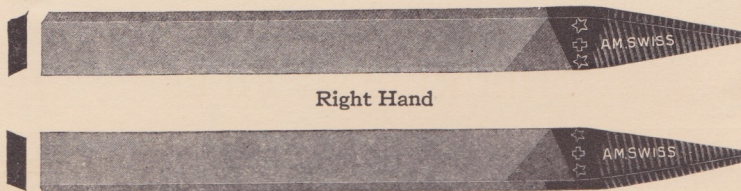
SCREW HEAD FILES



With or without tang

Length 3 inches . . . \$1.90

PIVOT FILES



Right Hand

Left Hand

\$3.20

BENCH FILES



One side cut No. 1

Other side cut No. 3

Length	Width	Thickness	Each
10 in.	$1\frac{1}{2}$ in.	$\frac{1}{4}$ in.	\$1.50
12 in.	$2\frac{1}{2}$ in.	$\frac{3}{8}$ in.	4.00
12 in.	3 in.	$\frac{3}{8}$ in.	4.75

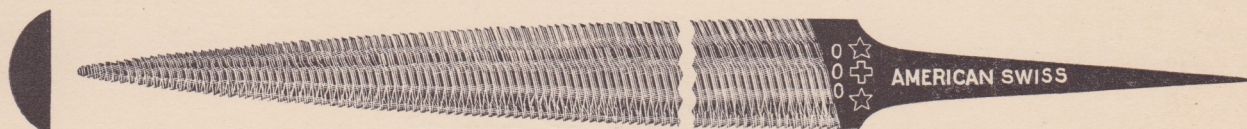


SPARK PLUG FILE



Length in inches . . . 3½ Width ¼ Cut No. 4 \$1.85

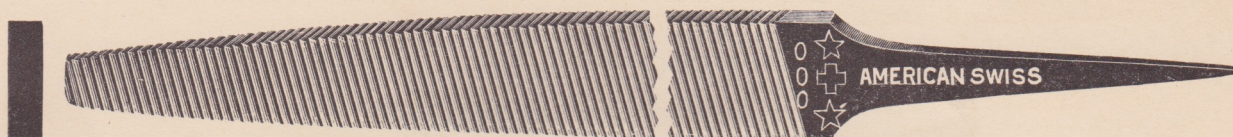
HALF ROUND FILES



Coarse open cut for soft metals, Cut No. 000

Length in inches	6	8	10
	\$3.00	\$4.50	\$6.25
Width	5/8	13/16	1"

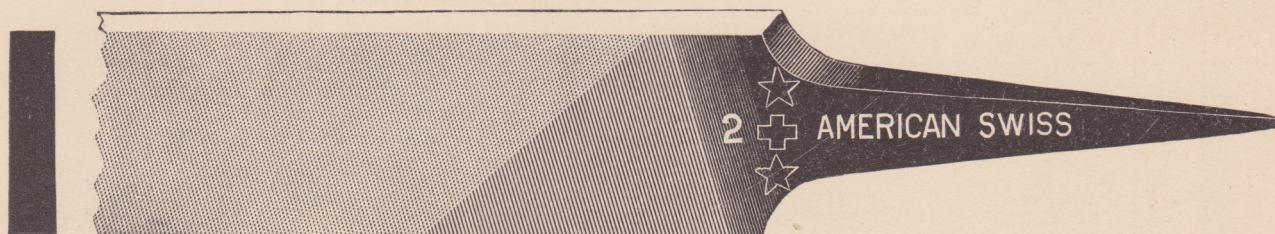
FLAT FILES



Coarse open cut for soft metals, Cut No. 000

Length in inches	6	8	10
	\$2.75	\$4.00	\$5.50
Width	5/8	13/16	1"

FINISHING OR STRIPPING FILES



Length in inches	8	10	12
Cut No. 2	\$4.05	\$5.55	\$7.10
“ No. 4	4.15	5.75	7.35
“ No. 6	4.60	6.40	8.10
Width	1	1½	1¼"



Mill and Saw Files — Superior Quality

MILL FILES



Length in inches	4	6	8	10	12
Cut No. 00—Same as Bastard	\$1.65	\$1.85	\$2.10	\$2.75	\$4.00
“ No. 1— “ “ 2d Cut	1.75	1.95	2.25	3.00	4.25
“ No. 2— “ “ Smooth	1.85	2.10	2.50	3.20	4.40
Width	$\frac{7}{16}$	$\frac{5}{8}$	$1\frac{3}{16}$	1	$1\frac{3}{16}$ ''

MILL FILES — TWO ROUND EDGES



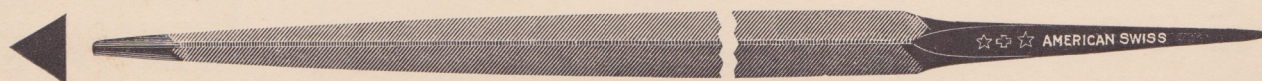
Length in inches	8	10	12
Cut No. 00—Same as Bastard	\$2.50	\$3.65	\$4.65
“ No. 1— “ “ 2d Cut	2.80	3.90	5.00
“ No. 2— “ “ Smooth	3.00	4.20	5.40
Width	$1\frac{3}{16}$	1	$1\frac{3}{16}$ ''

TAPER SAW FILES



Length in inches	3	$3\frac{1}{2}$	4	5	6	7	8
	\$1.30	\$1.40	\$1.50	\$1.65	\$1.90	\$2.25	\$2.50
Width	$\frac{7}{32}$	$\frac{9}{32}$	$1\frac{1}{32}$	$1\frac{3}{32}$	$1\frac{5}{32}$	$\frac{9}{16}$	$1\frac{19}{32}$ ''

SLIM TAPER SAW FILES



Length in inches	3	$3\frac{1}{2}$	4	5	6	7	8
	\$1.25	\$1.30	\$1.40	\$1.55	\$1.75	\$2.10	\$2.40
Width	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{9}{32}$	$1\frac{1}{32}$	$1\frac{13}{32}$	$1\frac{15}{32}$ ''



ROUND EDGE JOINT FILES



B & S Gauge	5 to 6	7 to 9	10 to 12	13 to 26
Length 3 inches . . . . .	....	....	\$1.50	\$1.40
“ 4 “ . . . . .	....	\$1.70	1.60	1.50
“ 5 “ . . . . .	....	2.55	2.40	2.30
“ 6 “	\$2.90	2.80	2.65	2.50
“ 8 “	3.80	3.65	3.50	....

CARRIED IN STOCK

Length in inches	3	4	5	6	8
Thickness B & S Gauge	14	9	11	10	8
“ “ “	16	to	13	12	10
“ “ “	18	26	15	14	12
“ “ “	20	..	18	16	..
Width	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{3}{4}$ "

Cuts carried in stock

Nos. 0 and 2

SQUARE EDGE JOINT FILES



B & S Gauge	5 to 6	7 to 9	10 to 12	13 to 26
Length 3 inches . . . . .	....	....	\$1.50	\$1.40
“ 4 “ . . . . .	....	\$1.70	1.60	1.50
“ 5 “ . . . . .	....	2.55	2.40	2.30
“ 6 “	\$2.90	2.80	2.65	2.50
“ 8 “	3.80	3.65	3.50	....

CARRIED IN STOCK

Length in inches	3	4	5	6	8
Thickness B. & S. Gauge	16	14	11	10	8
“ “ “	18	16	13	12	10
“ “ “ . . . . .	..	18	15	14	12
“ “ “ . . . . .	..	20	..	16	..
Width	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{3}{4}$ "

Cuts carried in stock

Nos. 0 and 2

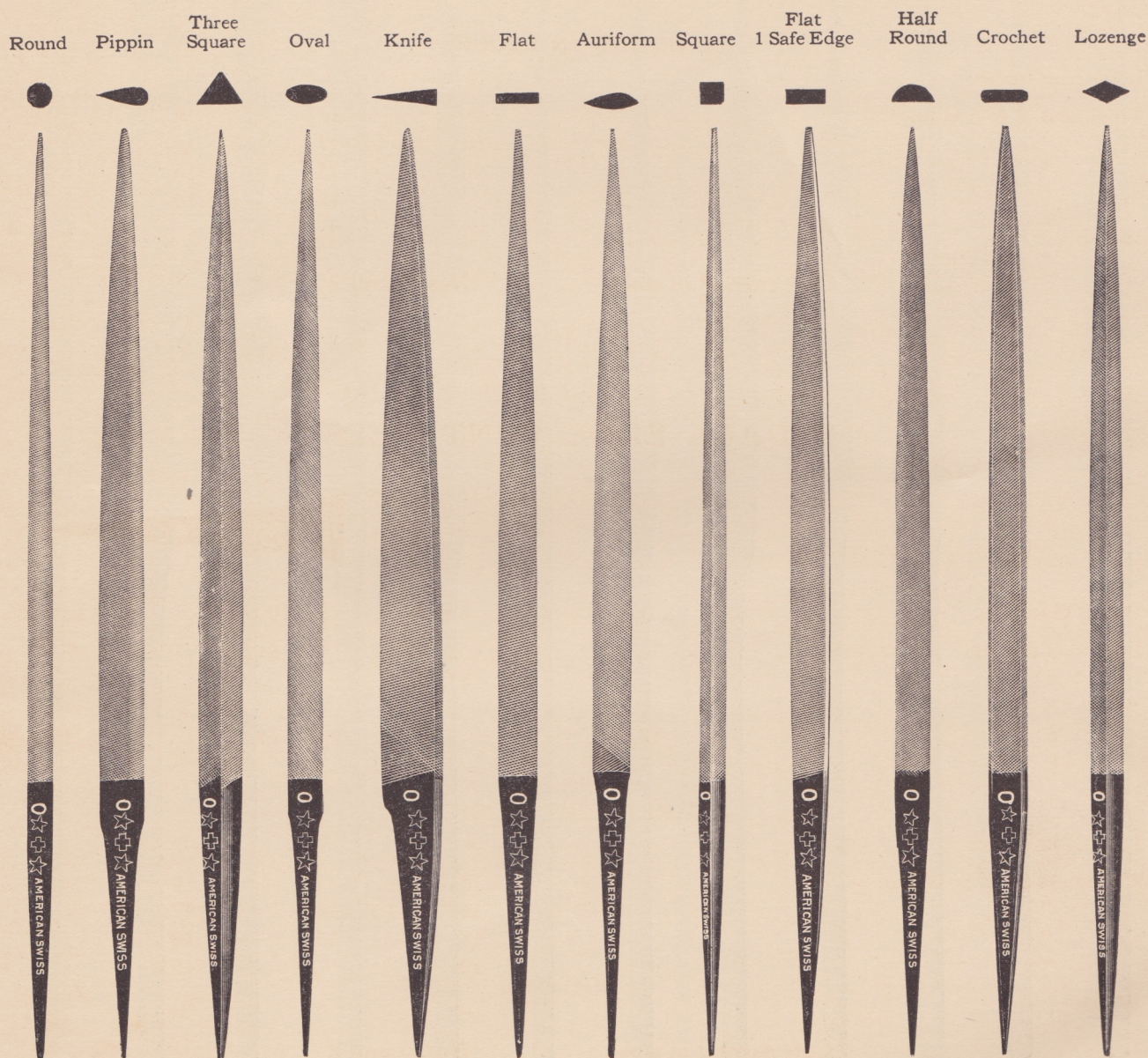
DIE SINKERS FILES

Length $3\frac{1}{2}$ Inches

Made in Cuts No. 0, 1, 2, 4

Set of 12 Assorted Shapes . . . \$2.00

Very Handy for Die Sinkers and Toolmakers

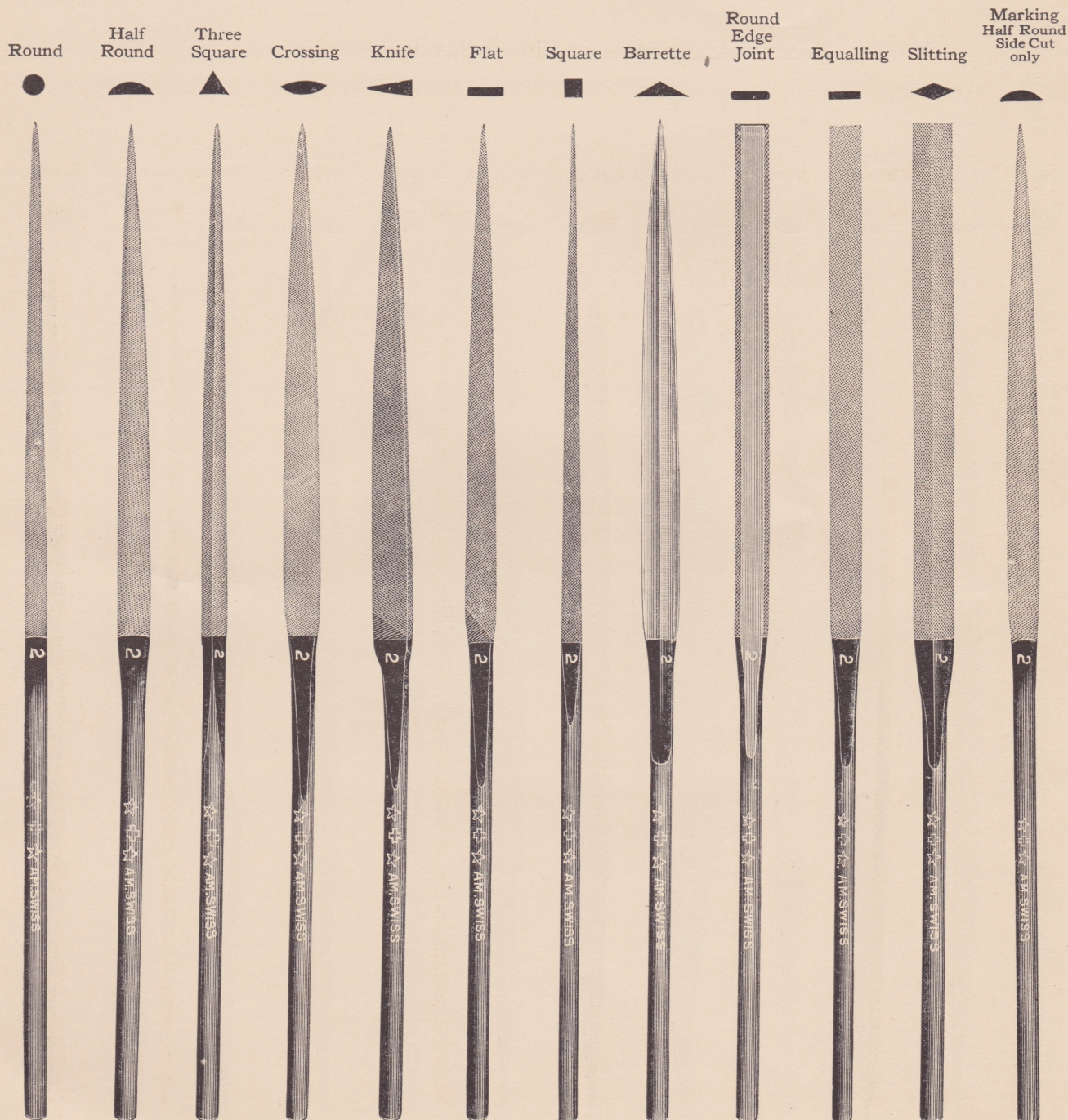




NEEDLE FILES—ROUND HANDLES

Length over all	4	4 $\frac{3}{4}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$ "
All shapes	\$1.35	\$1.50	\$1.65	\$1.80
Set of 12 assorted shapes . .	1.35	1.50	1.65	1.80

Made in cuts No. 0, 2, 4, 6





ESCAPEMENT FILES—SQUARE HANDLES

Length over all 5½ inches

All shapes \$1.65

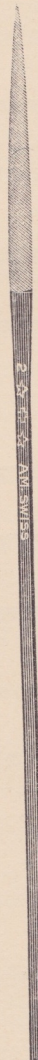
Set of 8 assorted shapes 1.10

Made in cuts No. 0, 2, 4, 6

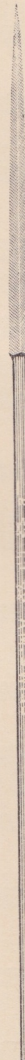
Round



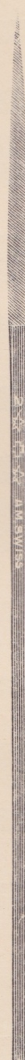
Half-Round



Three-Square



Crossing



Knife



Flat



Square



Barrette



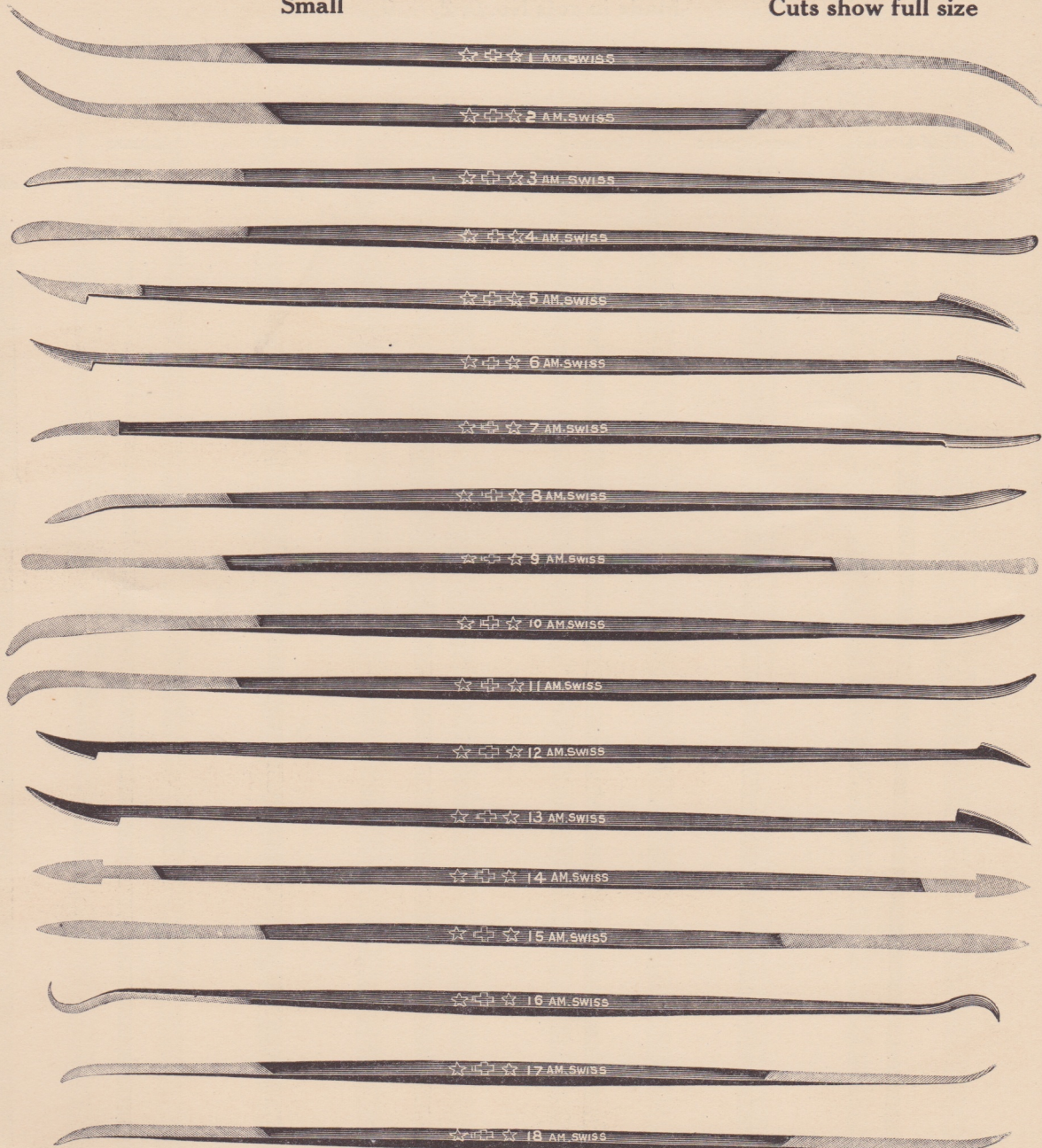


REGULAR DIE SINKERS RIFFLERS

Approximate lengths	Small 6 in.	Medium 6½ in.	Large 7 in.
Per dozen	\$3.30	\$3.50	\$3.70
Set of 18 assorted	4.95	5.25	5.55

Small

Cuts show full size

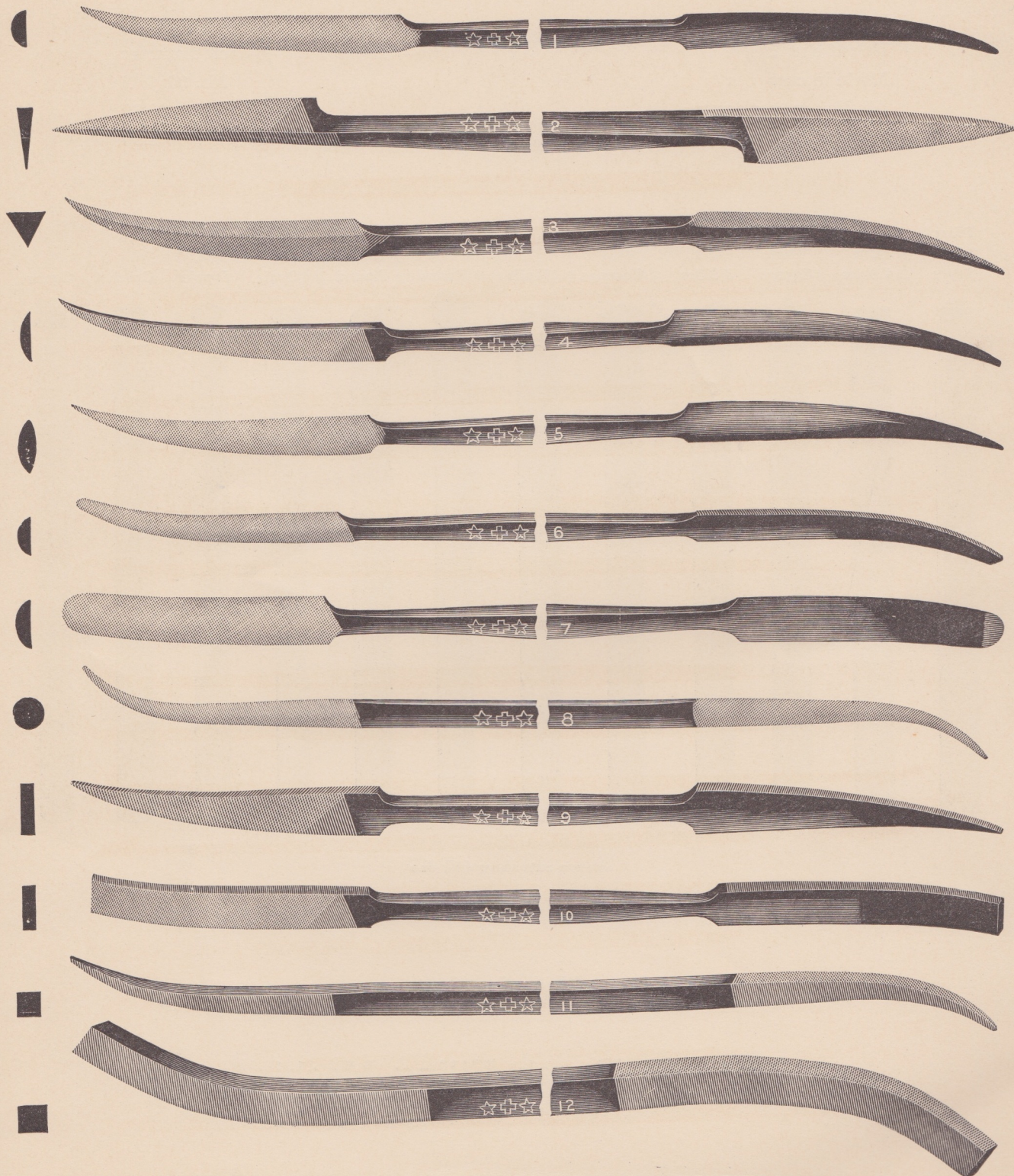




REGULAR SILVERSMITHS RIFFLERS

Length 7½ in.

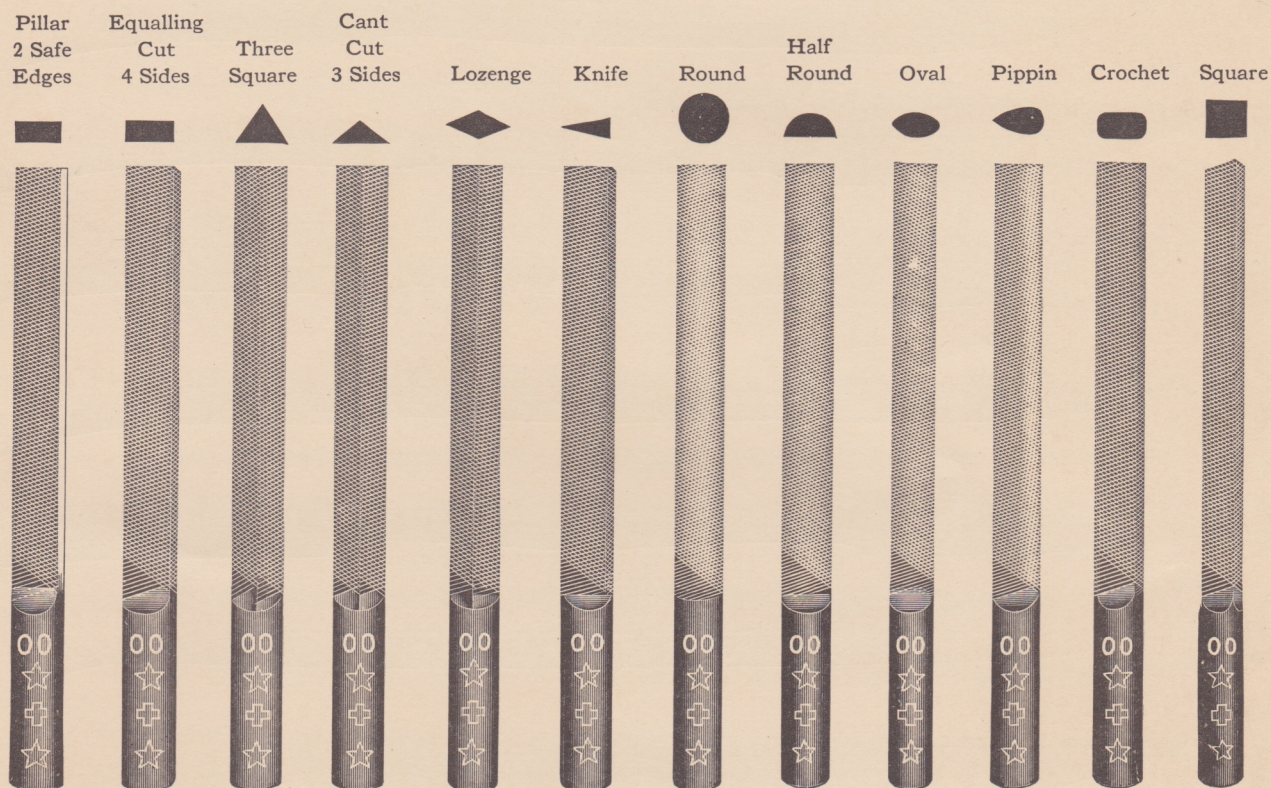
Per dozen \$4.25





MACHINE FILES—SIZE A

Length over all	3¼ inches
Round shank	¼-inch diameter
Made in cuts	No. 00, 0, 2
All Shapes, per dozen	\$2.30
Set of 12 assorted shapes	2.30



Above cuts show full size

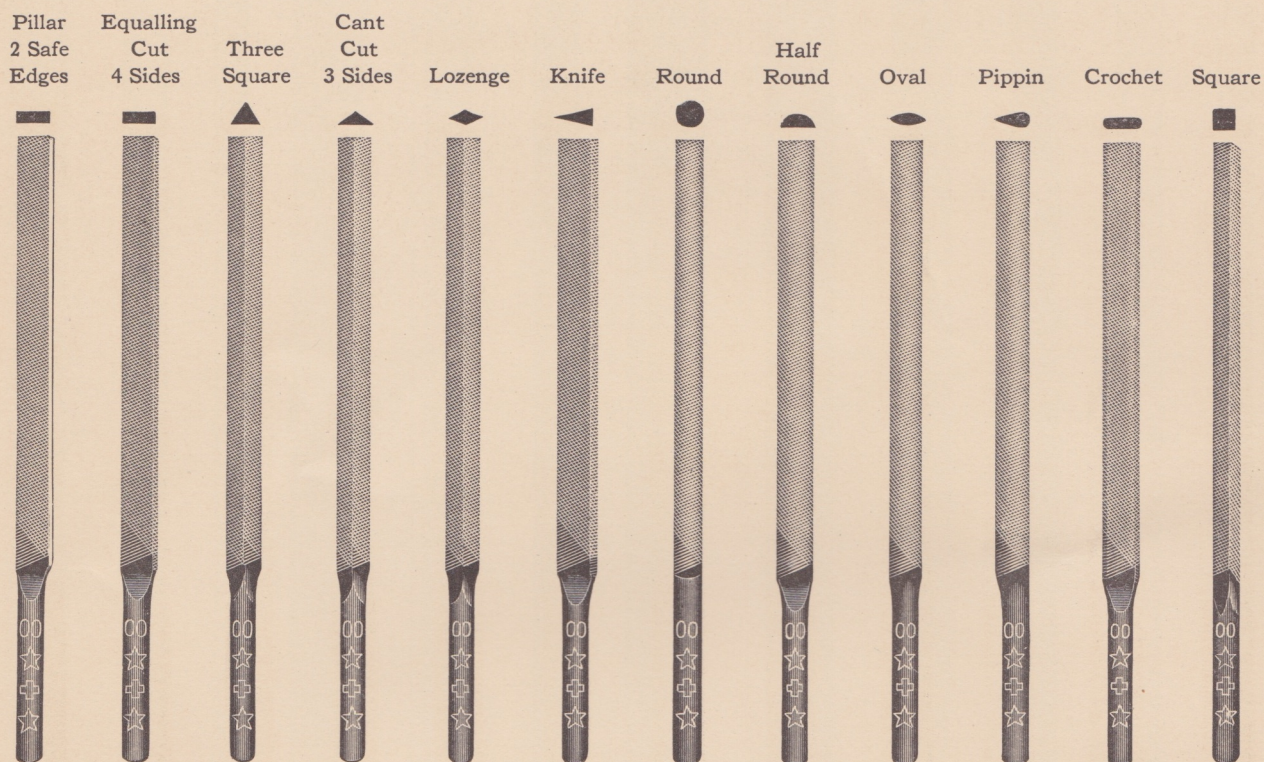
Made for the

Hartford Bench Filing Machine



MACHINE FILES—SIZE B

Length over all	3 1/4 inches
Round shank	1/8-inch diameter
Made in cuts	No. 00, 0, 2
All shapes, per dozen	\$1.80
Set of 12 assorted shapes	1.80

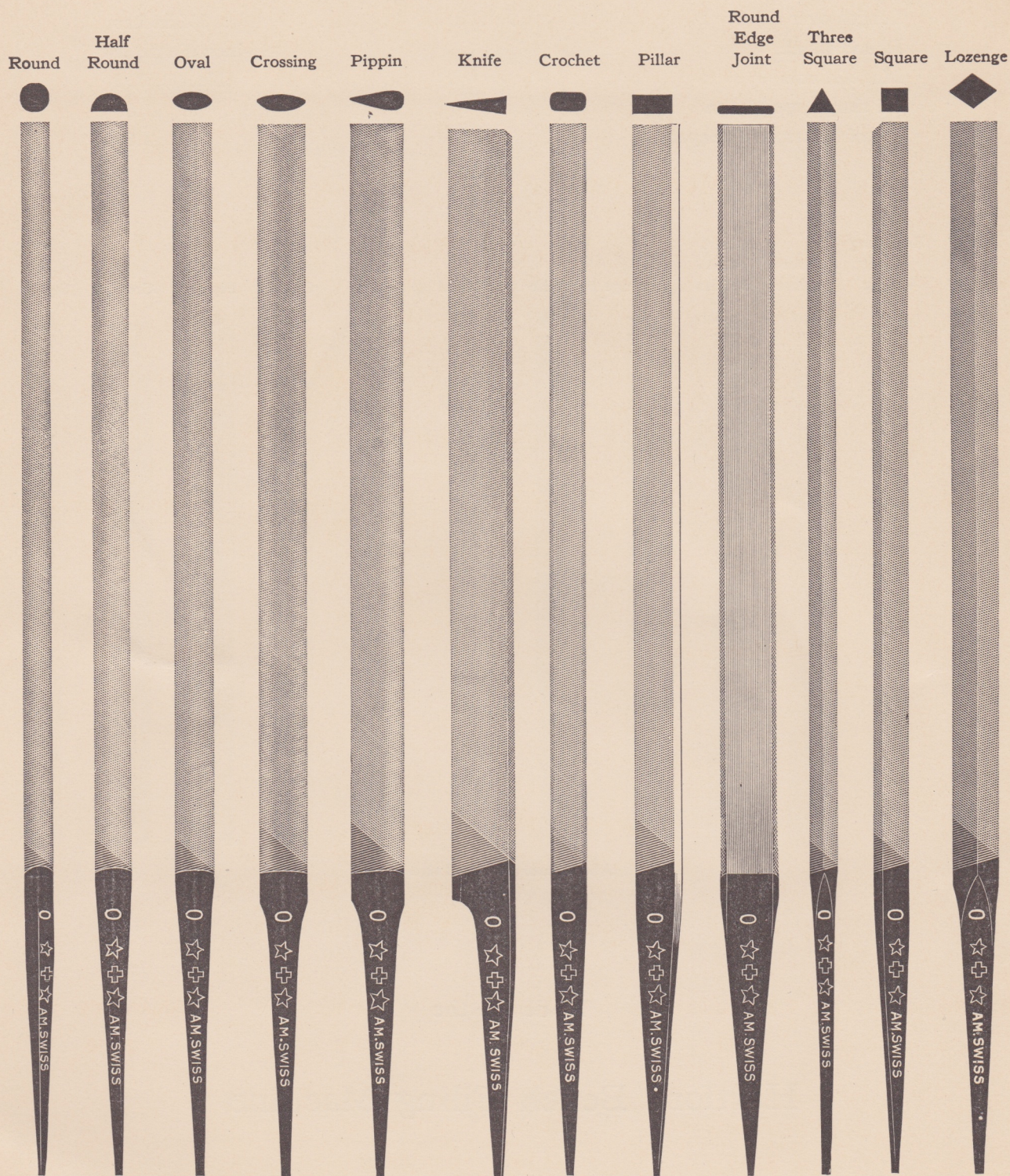


Above cuts show full size

Made for the

Hartford Bench Filing Machine

PARALLEL MACHINE FILES—SIZE C





PARALLEL MACHINE FILES—SIZE C

Length 5 inches

Made in cuts No. 00, 0, 2

Made in the Following Shapes

Round	Square	Pillar	Crochet	
.100"	.110"	$\frac{3}{16} \times .095''$	$\frac{3}{16} \times .095''$	
.110"	$\frac{1}{8}''$	$\frac{3}{16} \times .115''$	$\frac{3}{16} \times .115''$	
$\frac{1}{8}''$	$\frac{5}{32}''$	$\frac{1}{4} \times \frac{1}{8}''$	$\frac{1}{4} \times \frac{1}{8}''$	
$\frac{5}{32}''$	$\frac{3}{16}''$	$\frac{3}{8} \times \frac{1}{8}''$	$\frac{3}{8} \times \frac{1}{8}''$	
$\frac{3}{16}''$	$\frac{1}{4}''$			
$\frac{1}{4}''$				
Half-Round	Three-Square	Pippin	Lozenge	Square Edge Joint
$\frac{1}{4}''$	$\frac{3}{16}''$	$\frac{7}{32}''$	$\frac{3}{16}''$	$\frac{1}{4} \times \frac{1}{16}''$
$\frac{5}{16}''$	$\frac{1}{4}''$	$\frac{3}{8}''$	$\frac{5}{16}''$	$\frac{3}{8} \times \frac{3}{64}''$
	Round Edge Joint	Knife	Crossing	Oval
	$\frac{3}{8} \times \frac{3}{64}''$	$\frac{3}{8}''$	$\frac{5}{16}''$	$\frac{1}{4}''$

Prices Per Dozen

	Round	Square	Pillar	Crochet
	\$2.20	\$2.40	\$2.40	\$2.85
Half-Round	Three-Square	Pippin	Lozenge	Square-Edge Joint
\$2.70	\$2.60	\$2.80	\$3.50	\$2.40
	Round Edge Joint	Knife	Crossing	Oval
	\$2.40	\$3.10	\$3.15	\$3.00



The Trade Name of Our Files

"American Swiss"

THIS trade name was adopted to identify our special kind of Files as an American reproduction of the celebrated Swiss "*Files of Precision*." This distinct class of files was first imported to meet the exacting requirements of Watchmakers and Jewelers and hence were called "Jewelers' Files," but owing to their extensive use by other highly skilled mechanics, are also called "*Toolmakers' Files*," which differ from other files in the following essential respects:

They are made in eleven cuts to the five cuts of common files; must be exceedingly accurate in shape and dimensions; do not exceed 12 inches in length; are of infinite variety, including "Riffle," "Die Sinkers," "Needle" and "Escapement" Files of very small size; are made from the best crucible steel, produced only by the crucible process; and require much skilled hand labor to supplement the work of the best Forming, Grinding and Cutting Machines yet invented.

The domestic makers of the so-called *Swiss Pattern* Files having failed to equal the Swiss in quality, we were tempted to enter upon a series of costly experiments to determine: whether or not these "*Files of Precision*" could be made in America, as well as Switzerland, if manufactured as an exclusive specialty.

That we have been successful in this undertaking is attested by the award of the First Prize on Files at the World's Fair of 1904, and the concurrent testimony of our Patrons, and we confidently submit this Sixth Edition of our Price List of *Toolmakers' Files* to the ever increasing number of American Mechanics, who want the *Best of Files* to be had, and who believe, as we do, that for them "*Only The Best Are Good Enough*."



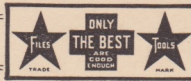
Concerning Trade Marks

THE “*Rabbit*” and a “*Fish*” being *Trade Marks* of celebrated *Swiss Files*, we thought at first of the *Eagle* and the *Owl* for ours but concluded to adopt a *Swiss Cross* flanked by two *American Stars*, to indicate more clearly both the *Origin* and the *Nationality* of our *Files*, and we have always displayed this *Trade Mark* conspicuously to insure its prompt recognition, even when stamped on the smallest of file-shanks.



A well-known *Trade Mark* is valuable property, entitling its owner to all the benefits that can be derived from its use in fair and square Trade Competition, and this also applies to a *Trade Name*, especially when it forms part of the Manufacturer's name producing the goods, as is the case with “*American Swiss*” Files, so named because they are made by the

American Swiss File and Tool Co.



The Three Epochs in File Making

I

“They had a File for the Mattocks, and for the Forks and the Axes, and to sharpen the Goads.”—*1 Samuel XIII, 21.*

II

Then Files were made for other Metal Work, and for the Machinist—and then—the Swiss made a very superior kind, which were needed to make the exquisitely fine Swiss Watches.

III

And then the Swiss sent their very fine Files to America and Americans now make them by Improved Methods (*Notably* the “Automatic Heat Controller” of the American Gas Furnace Company, which *Automatically* maintains the constant temperatures required for Annealing and Hardening) and they call them “*American Swiss*” in honor of the Swiss Artisans who first made the Files needed by the American Toolmaker.

